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E3.1 E3.1  
**PARTIAL ELECTRICAL SUB-BASEMENT – NEW SYSTEMS PLAN**  
1:100

NOTES:

1. EXISTING PUBLIC ADDRESS SYSTEM TO BE COMPLETELY DISCONNECTED AND REMOVED. DEMOLISH ALL ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
2. EXISTING TOUCH PANEL TO BE COMPLETELY DISCONNECTED AND REMOVED. DEMOLISH ALL ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
3. EXISTING RANGE CONTROLS TO BE COMPLETELY DISCONNECTED AND REMOVED. DEMOLISH ALL ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
4. EXISTING TARGETING SYSTEM CONTROL PANEL TO BE COMPLETELY DISCONNECTED AND REMOVED. DEMOLISH ALL ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE.
5. ENSURE COMPONENTS MAKE GOOD CONTACT AT CONNECTIONS TO FORM A CONTINUOUS METALLIC GROUND THROUGH THE SYSTEM. INSTALL GROUND CONNECTIONS TO TYPICAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, TARGETING SYSTEM, SERVICE EQUIPMENT, MECHANICAL EQUIPMENT, DUCTS, MOTOR FRAMES, DISTRIBUTION EQUIPMENT, FIRE ALARM PANEL, LIGHTING PANELS, ETC.
6. SUPPLY AND INSTALL NEW STROBE AND BELL TO MATCH EXISTING. WIRE AND CONNECT TO EXISTING SIGNALING CIRCUIT. CONFIRM EXISTING ON SITE. NEW FIRE ALARM DEVICES TO BE LOCATED ABOVE BALLISTIC BAFFLES. HIDDEN FROM DIRECT VIEW OF THE FIRING LINE. PROVIDE COMPLETE VERIFICATION OF AFFECTED FIRE ALARM SIGNALING CIRCUIT.
7. WIRE AND CONNECT NEW VOICE/DATA OUTLETS BACK TO NEAREST TELECOM ROOM. PROVIDE NEW PATCH PANEL/SWITCH AS REQUIRED. COORDINATE ALL WORK WITH DEPARTMENTAL REPRESENTATIVE.
8. WIRE AND CONNECT NEW INTERCOM SYSTEM. (PROVIDED BY TARGETING SYSTEM SUPPLIER).
9. SUPPLY AND INSTALL NEW CEILING MOUNTED PUBLIC ADDRESS SPEAKERS. WIRE AND CONNECT TO EXISTING PUBLIC ADDRESS SYSTEM. NEW SPEAKER MAKE AND MODEL TO MATCH EXISTING. SPEAKER WATTAGE TO BE TAPPED TO MATCH EXISTING. CONFIRM ON SITE.



Public Works and  
Government Services  
Canada

Travaux publics et  
Services gouvernementaux  
Canada

REAL PROPERTY SERVICES  
Western Region  
SERVICES IMMOBILIERS  
Région de l'ouest

**PRELIMINARY**  
NOT FOR CONSTRUCTION



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Certificate of Authorization

HDK Consulting Incorporated

No. 5539 Date: 04/30/2015



5		
4		
3		
2	ISSUED FOR CONSTRUCTION	FEB 23/15
1	ISSUED FOR 99% REVIEW	DEC 22/14
0	ISSUED FOR 50% REVIEW	OCT 20/14

Revision Description Date

Client client

**ROYAL CANADIAN  
MOUNTED POLICE  
D-DIVISION**

**1091 PORTAGE AVENUE  
WINNIPEG, MANITOBA**

Project Project  
**WINNIPEG, MANITOBA  
1091 PORTAGE AVENUE  
D-DIVISION HEADQUARTERS  
FIRING RANGE UPGRADE**

Designed by Conçu par  
**HUGO CEA CANAS / PAUL LAPOINTE**

Drawn by Dessiné par  
**PAUL LAPOINTE**

Approved by Approuvé par  
**HUGO CEA CANAS**

FWGSD Project Manager Administrateur de Projets TPSCG  
**PAUL DUCHARME**

Drawing title Titre du dessin  
**PARTIAL ELECTRICAL  
SUB-BASEMENT  
NEW SYSTEMS PLAN**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
	<b>E3.1</b> OF XX	<b>0</b>